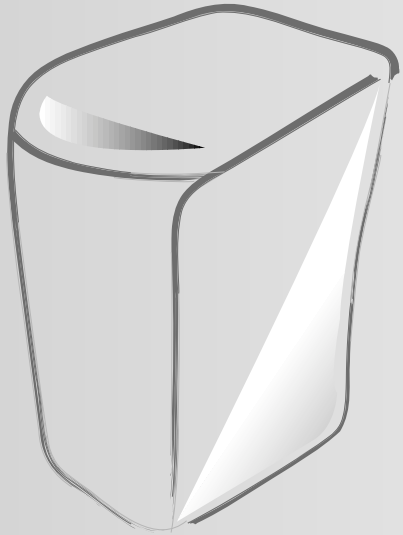
WASHING MACHINE

User's Manual



Please read this manual before using and note how to use in the proper manner.
Please be careful of keeping the manual. Otherwise, it should be bought separately.

The User's Manual is for common use.
Make use of the User's Manual depending upon your washing machine model.

TABLE OF CONTENTS

FEATURES ····· 1
SAFETY INSTRUCTIONS ····· 2
DESCRIPTION OF PARTS ····· 3
HOW MUCH DETERGENT SHOULD BE USED? ····· 4
How to put the detergent in ····· 4
How to add the fabric softener ····· 4
How to add the bleach ····· 4
CHECKING BEFORE WASHING AND CARING FOR GARMENTS ····· 5
Caring for Clothes Before Washing ····· 5
BUTTONS AND CONTROL PANEL ····· 6
HOW TO WASH AUTOMATICALLY DEPENDS ON THE LAUNDRY? ··· 7
Before starting washing, check the following ····· 7
Special notes! ····· 7
How to select Fuzzy Course? ····· 8
Want to do the aged dirt course? ····· 8
Want to do a blanket course? ····· 8
How to select Speedy Course? ····· 8
How to select Wool Course? ····· 8
How to do perform the clean tub self-cleaning for sanitary washing? ··· 9
To do a clean washing ····· 9
To finish the washing on a desired time ····· 9
MANUAL FUNCTIONS ····· 10
HOW TO CLEAN THE FILTER ····· 11
INSTALLATION & MAINTENANCE ····· 12
Environment ····· 12
Levelling ····· 12
How to assemble the legs ····· 12
Connecting the water supply hose ····· 12
How to connect the drain hose ····· 13
Assembling the rat protection panel ····· 13
TROUBLESHOOTING ····· 13
WASHING MACHINE WON'T WORK? ····· 14
TROUBLESHOOTING ····· 15
SPECIFICATIONS

IN CASE THE NEED FOR SERVICING ARISES

- Don't hesitate to call any AS center nearby with your name, address and telephone number when anything wrong with your product occurs.

SAMSUNG ELECTRONICS

SPECIFICATIONS

POWER CONSUMPTION	WASH	520
	SPIN	270
DIMENSIONS(mm)		W630 x D675 x H895
WEIGHT		45 kg
WATER PRESSURE		0.05~0.78 MPa (0.5 ~ 8.0 kg·f/cm²)
WASHING TYPE		Stirring Type
WATER USAGE		230 *l*
PULSATOR ROTATING SPEED		105 rpm

Code No.: DC68-01762A

FEATURES

TO KEEP THE CLEAN TUB CLEAN AND NEAT

- Long use of washing machine in humid places may cause various aerial germs to adhere to the scale and, hence, form black-colored scale (mold). It may be harmful to your health.
  For your health, perform the Clean Tub Self-Cleaning course every 1-3 months using the [Clean Tub Self-Cleaning] course of the product with the recommended detergent so as to keep the clean tub clean and neat.

DYNAMIC POWERED SHOWER RINSING

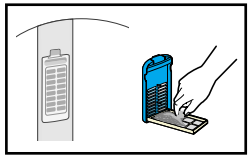
- The strong force of water shower from the center of the clean tub prevents tangled laundry, and cleans the aged dirt on laundry by turning inside out and rubbing the laundry.

ECONOMICAL TUB

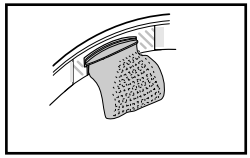
- The holes on the clean tub are minimized to reduce the amount of water between the external and internal clean tub so that the amount of water required for washing can be minimized.

LINT FILTERING METHOD option

1. Power Magic Filter
   - The Power Magic Filter collects all the nap (fuzz), waste threads, and other lint regardless the water level. It is hygienic and can be used semi permanently.

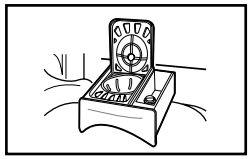


2. Big Anti-bacterial Filter Net
   - The big anti-bacterial filter net ensures that all the nap, waste threads and lint are removed cleanly. Its antibacterial treatment makes it hygienic.

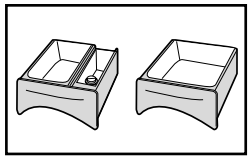


DETERGENT DISPENSING METHOD option

1. Power Bubbling Equipment (device)
   - The detergent powders are added (in the detergent box). As the water supply starts on, they become liquid soap and dispensed into the spin basket, automatically enhancing the cleaning power.



2. Reserve Detergent Box
   - If the detergent powders are added in the reserved detergent box, they are released automatically as the water supply starts on.



Note!

- Clean the filter twice a week. For a clean wash, the collected lint shouldn't be filled more than half of the filter.

SAFETY INSTRUCTIONS

Please note that the following precautions for safety intend to prevent unpredictable danger and damage by helping the proper use in safety.

When using hot water in washing, please make sure that the water should not exceed 50˚C.

● Plastic parts may be deformed or damaged, and an electric shock or a fire may take place.

WARNING

There might be serious injury or fatal accident when you violate this instruction.

If the power supply cord or plug is damaged or loosened, do not use.
- An electric shock or a fire may take place.

Do not pull the cord off or touch it with moist hands.
- An electric shock or a fire may take place.

Do not bend the power supply cord by force or press it with heavy things.
- An electric shock or a fire may take place.

Do not install the washer nearby electric implement or don't put a candle light or cigarette light on the washer.
- A fire may take place.

Do not disassemble, repair or remodel it recklessly.
- When you need to repair it, please call service agent. An electric shock or a fire may take place.

During operation, do not put your hands or metal materials under the washer.
- You may be hurt by spinning board beneath the washer.

Stay away from the washer when the bottom of the washer sinks into the water.
- There might be an electric shock. Please wait until the water drains out completely.

Do not put laundry stained with gasoline, benzene, or alcohol in the washer, and keep the materials away from the washer.
- An explosion or a fire may take place.

During spinning, don't put your hand in the spinning tub.
- It may hurt your hands. If it does not stop within 15 seconds after you open the lid, call service agent immediately.

Cautions

There might be a slight injury or damage when you violate this instruction.

Don't' install it in the area with moisture or outdoor where it has rain or snow
- An electric shock or a fire may take place.

Please unplug the power supply cord when you do not use it.
- An electric shock or a fire may take place.

If there is dust or water on the power supply plug and its connected part, please remove it completely.
- An electric shock or a fire may take place.

Do not make your kids look into the inside of the washer.
- If your kid falls into the washer, his life could be in danger.

Ventilate immediately without touching the power plug if gas is leaking.
- An electric shock or a fire may take place if it catches flame.

If the washer makes strange noise, smell or smoke, unplug it promptly and call service agent.
- An electric shock or a fire may take place.

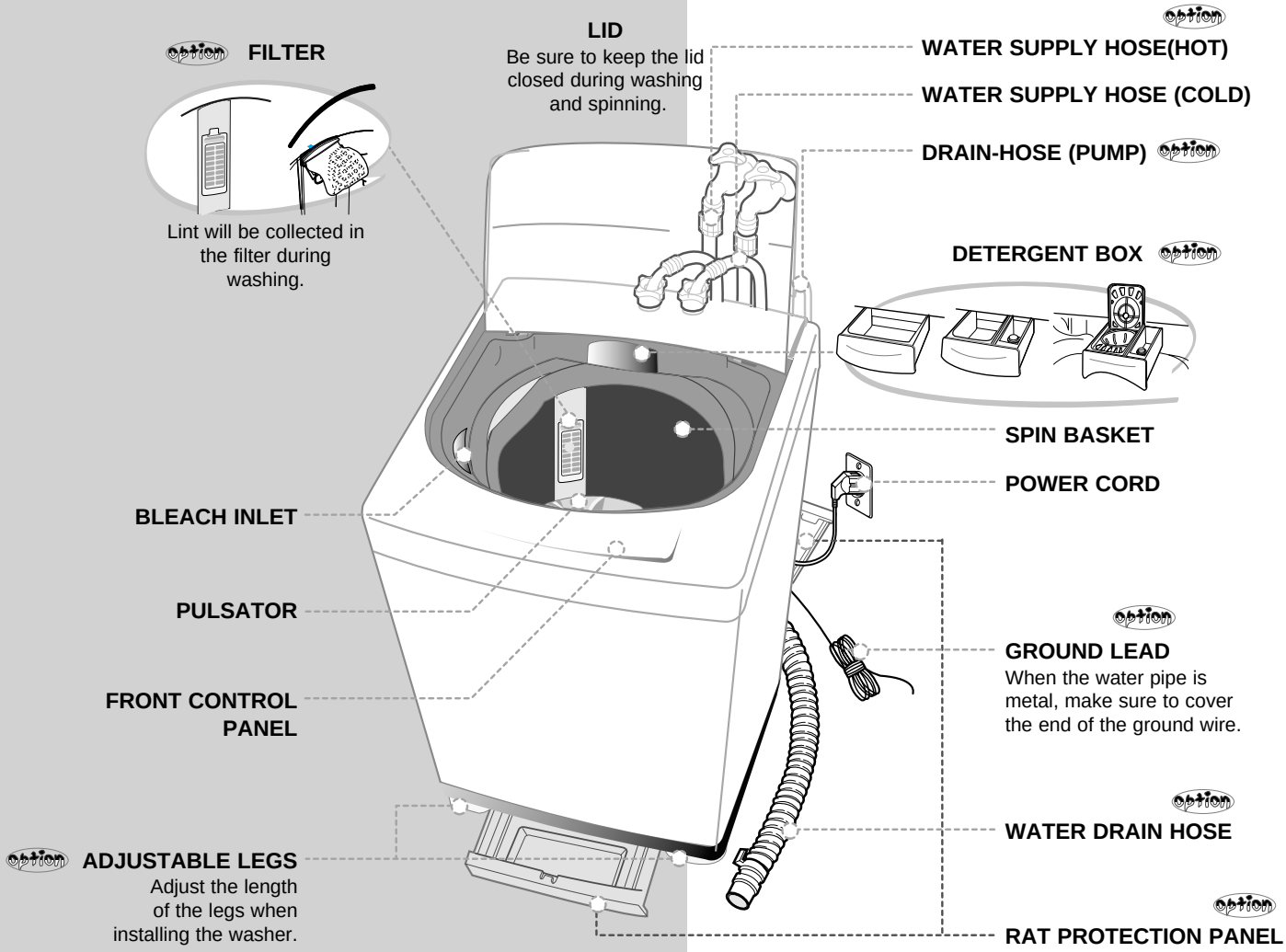
When cleaning, don't spray water to the parts of the washer directly.
- It may make it's life span shorten.
  Also an electric shock or fire may take place

Don't use several appliances together with an outlet.
- A fire may take place due to unusual heat.

Don't press the button with an awl or pin.
- An electric shock or a fire may take place.

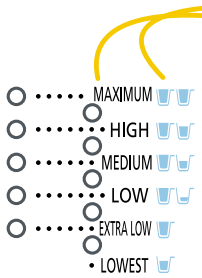
DESCRIPTION OF PARTS

The User's Manual is for common use.
Make use of the User's Manual depending upon your washing machine model.


FILTER
Lint will be collected in the filter during washing.
LID
Be sure to keep the lid closed during washing and spinning.
WATER SUPPLY HOSE(HOT)
WATER SUPPLY HOSE (COLD)
DRAIN-HOSE (PUMP)
DETERGENT BOX
SPIN BASKET
POWER CORD
BLEACH INLET
PULSATOR
FRONT CONTROL PANEL
GROUND LEAD
When the water pipe is metal, make sure to cover the end of the ground wire.
WATER DRAIN HOSE
ADJUSTABLE LEGS
Adjust the length of the legs when installing the washer.
RAT PROTECTION PANEL

HOW MUCH DETERGENT SHOULD BE USED?

• Please note that this User's Manual is for common use.
Make use of the User's Manual depending upon your washing machine model.

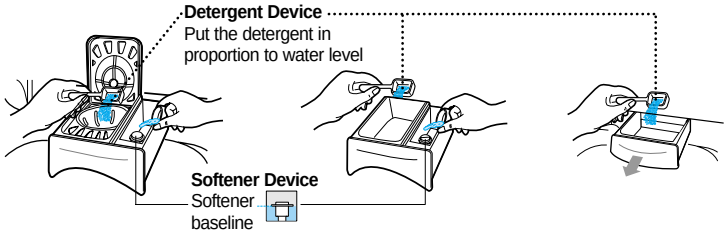


Depending upon the water level	Add detergent.	
	Concentrated detergent	General detergent
Maximum (Water Level) (For Blanket, below 2.0l)		
High (Water Level)		
Medium (Water Level)		
Low (Water Level)		
Extra Low (Water Level)		

- The amount of concentrated detergent is indicated in proportion to the water level marks. (One cup is 35g.)
- Using too much detergent may cause unsatisfactory rinsing result and it is harmful to our environment also.

HOW TO PUT THE DETERGENT IN

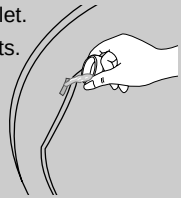
1. Open the detergent box by pulling in the direction of the arrow as shown in the figure and then put the powder detergent in the detergent box.
2. Put in one-time amount of detergent evenly so the detergent may not brim over the box.



Caution : If softener is stored over the above base line, it may flow down at any time.

HOW TO ADD THE FABRIC SOFTENER

- When a proper amount (one time does) of fabric softener is stored in the softener inlet,it is automatically put in at the last rinsing cycle.
- Do not use detergent, bleach or starch into the Softener Inlet.
- Using too much softener may produce unsatisfactory results.
- Do not open the lid during the Spin Dry cycle.
If added too early, its effectiveness will decrease.
- Do not leave the softener into the Softener Dispenser for a long time.
Because softner became stiff.



HOW TO ADD THE BLEACH

- Add a proper amount of liquid bleach (one time dose) to the Bleach Inlet before washing.
- Must separate bleachable clothes first, and then add bleach.

- If it is powder bleach, it can be mixed with water and directly put in the spin basket.
- If the bleach contact with garments directly, it may cause discoloration on the garments.

CHECKING BEFORE WASHING AND CARING FOR GARMENTS

Must follow the checkpoints in order to avoid machine problems or damages on garments.

☞ If the below problems are caused by customer's faults, separate service fee will be charged.

Checkpoints Before Starting Washing

Check if the clothes are bleaching or not.

- Add liquid detergent to a white towel and the garment where you can't notice well. Then, rub together strongly. Check if the color transferred to the towel.
- Be careful for scarves and imported clothes since they are easily discoloring.
- Check for stains or partial dirt.
- If stains are found, use the towel wet with detergents to rub on in a single direction.
- Before washing, the sleeves, collar, dress hem and pockets are pre-treated by brushing with detergents.

The wrinkle-processed clothes made of wool are specially treated by fixing them with threads before washing. The threads shall be removed after the clothes are dried.

Not washable laundry

Clothes those are easily transformable even by soaking in water.

- Even by soaking in water, neckties, brassieres, jackets, suits and coats can be easily transformed like shrinking and discoloring on the garment surfaces because they are mostly made of rayon, polynosic, cuff and their blend fabrics.
- The wrinkle-processed, embossed, or resin processed products are easy to transform even by soaking in water.
- Easily discoloring products made of cotton and wool, wrinkled silk, leather products, leather accessory, leather ornamented clothes, Korean costume and its accessory.
- Don't wash those clothes without handling guideline or material indication tag.

About Detergent

- When detergents are not dissolving well, use warm water (about 40°C) to dissolve the detergent.

Caution

- Use an appropriate amount.
- Even if excess amount of detergent is used, there is not much difference in washing result. It may cause damages to the garments because rinsing is not enough.
- The bleaching agent may cause damages to garments since it is strong alkali.
- Do sufficient rinsing because the powder detergent is easily remained on the garments causing bad odors.
- If too much detergent is used or cold water is used, it doesn't dissolve completely and remain on the garments, hose or spin basket, causing contamination on clothes.
- In case of reserved washing, detergents must be put in the detergent box. If the powder detergents are spread on laundry directly, it may cause discoloration.

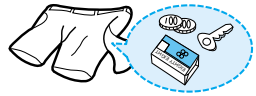
CARING FOR CLOTHES BEFORE WASHING

Must follow the checkpoints in order to avoid machine problems or damages on garments.

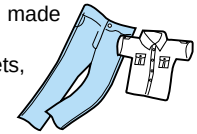
☞ If the below problems are caused by customer's faults, separate service fee will be charged.

Take out personal belongings from pockets.

- Caution, Check the pockets! Hairpins and coins cause damages to clothes and washing machine. They make noise and problems to the machine. Must check the pocket.

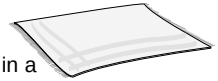


If pants zippers are open while washing, the spin basket may be damaged. The zipper should be closed and fixed with a string before washing.



- If blue jeans and working uniform's zippers or hooks are made of steel, they must be closed before washing.
- Wash winter jumpers, working uniforms, bed cover sheets, and blue jeans separately.
- Fold clothes well into the spin basket. Must remove the curtain hooks before washing.
- Turn inside out the button decorated and embroidered clothes before washing.
- Be careful those metal decorations because they cause heavy damages while washing.
- The long stringed clothes may tangle with other clothes. Must fix the strings before washing.
- The metal from brassieres may stick out and damage other clothes or the spin basket. Must use the commercial laundry net for washing brassieres. (Use a laundry net of fine mesh.)

Waterproof clothes (Ski Wear, Diaper Covers, Footboards) are not allowed for washing.



- The waterproof sheet, clothes, and non water permeable fabrics shouldn't be washed, rinsed, or put in a spin basket. The laundry may pop out and cause severe vibration so that a person may get damaged and the machine, wall, and floor may break out in addition to clothes. (Examples are diaper cover, waterproof wear, raincoat, umbrella cover, ski wears, car cover sheet, and sleeping bags.)

Cautions During Spinning

- Spinning of regular garments
  - The water from garments is drained out through the spin basket holes.
- Spinning of waterproof clothes and fabrics
  - Even if the spin basket spins, water can't drain out from the waterproof clothes and fabrics. Therefore, water gathers to one side and this cause a severe vibration. If the spin basket spins at a high speed, water still can't drain out from the waterproof clothes and fabrics. As a result, garments move up and pop out with a big vibration.

Shake the dirt or soils from clothes.

- Soil and sands may rub delicate garments to cause damages and the washing result may be unsatisfactory.

For protection of baby skin

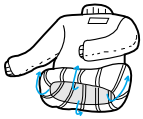
- Wash diapers and baby wears (baby clothes, baby towels etc) separately. Dirt may get to baby's clothes from adult's clothes if washing them together.

Do pre-washing for white socks, sleeves, and collars before the main washing.

- Use powder and liquid detergents.
- Don't' use soap. It may leave dirt to the spin basket.

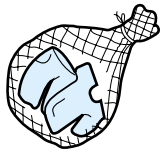
Turn inside out for those nappy clothes before washing.

- If clothes have too much foreign matter, separate them for washing. Other clothes may pick up those dirty matters (dirt, thread).
- Wash black colored clothes and cotton towels separately. If they are washed together, towels may pick up dirty matters. Check before washing.



Cashmilon and those garments having big volume and lightweight (eg. lase-decorated clothes, lingerie, nylon stocking, synthetic fabrics etc.) may rise and cause damages to the clothes and problems to the machine. Use the laundry net or wash them separately.

- Must put those long stringed clothes, lase-worked clothes, bed cover sheet, wool clothes into a laundry net before washing.
- Put delicate clothes in the laundry net.
- Use only those commercial laundry net for washing.

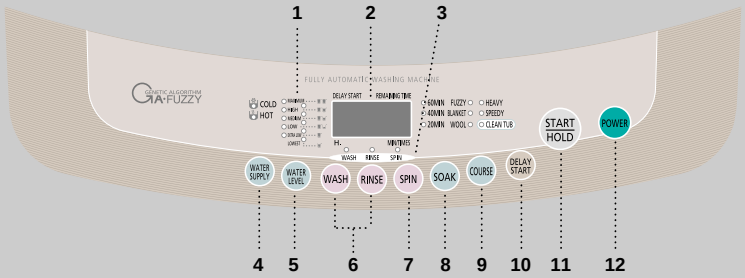


Curtains, floating garments or blue jeans shall be pressed not to float on the water.

- If they are floated on the water, press Start/Hold button to stop and press them to sock in the water. If the washing goes on with clothes floating on the water, it may cause damages to the clothes and the washing machine as well as unsatisfactory washing result.

BUTTONS AND CONTROL PANEL

For more details, see control panel of your washing machine.



1. WATER LEVEL, DETERGENT AMOUNT SELECT BUTTON

- According to the amount of laundry, the water level and detergent amount are automatically indicated.
- The water level is indicated as 10 different levels.

2. REMAINING TIME, RESERVED TIME, ERROR INDICATOR

- The indicator light shows the remaining time of each wash cycle.
- The indicator light shows the reserved time.
- If the washing machine has a problem, the control panel shows its condition for troubleshooting (follow-up).

3. FUNCTION SELECT BUTTON

- The indicator light shows the course of wash cycles.
- Each function indicator is on and it blinks while running. After the function is done, it turns off automatically.

4. WATER SUPPLY

- Use when you select to HOT and COLD water.

5. WATER LEVEL SELECT BUTTON

- According to the washload,select the water level ;
  MAXIMUM → HIGH → MEDIUM → LOW → EXTRA LOW → LOWEST

6. WASHING / RINSING BUTTON

- Use when only washing is needed and the washing time needs to be adjusted. (6~30 Minutes)
- Use when a separate rinsing is needed and (in case of changing) need to change the number of rinsing cycles.(Max. 5 times)

7. SPIN BUTTON

- Use when a separate spinning is needed or need to change the spinning time (1~9 Minutes)
- If a wrinkle-free spinning is needed, select Spin for 1 minute.
- When only spinning is selected, the remaining spinning time and the total remaining time are different because the total remaining time includes the actual spinning time, draining and pausing times.

8. SOAK BUTTON

- Use when a socking is needed.
- It is not allowed for the wool course.
- For the Clean Tub course, the soaking is automatically applied.

9. COURSE SELECT BUTTON

- Select the course depends on each laundry and how dirty the garments are;
  FUZZY ➔ BLANKET ➔ WOOL ➔ HEAVY ➔ SPEEDY ➔ CLEAN TUB
- Refer to the User's Manual for explanation of each course.

10. DELAY START BUTTON

- Use when you want to set up the finishing time for washing.
- If you want to cancel the reservation, power off.

11. START/HOLD BUTTON

- Use to pause and restart the operation.
- To change the washing procedure during operation, press this button to stop, and once again to restart after changing the procedure.

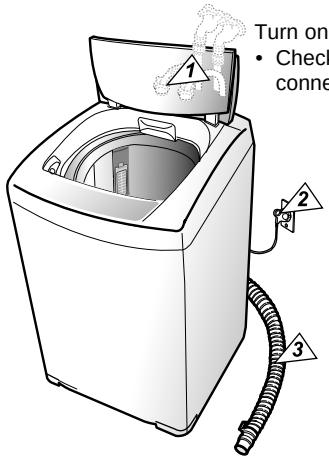
12. POWER BUTTON

(Use for turning on or off the power.)

- The power goes off automatically as the wash cycle finishes.
- If the power is on for 10 minutes without selecting any other function key, the power goes off automatically.

HOW TO WASH AUTOMATICALLY DEPENDS ON THE LAUNDRY?

BEFORE STARTING WASHING, CHECK THE FOLLOWING



1. Turn on the faucet to open.
   - Check if the water supply hoses are correctly connected to cold and hot water.
2. Plug the power cord in.
3. Make sure to lay down the drain hose. (In case no drain pump)

SPECIAL NOTES!

Automatic Sensing Function

- At every course (except, wool course) the amount of laundry is automatically sensed and then appropriate water level, washing time, rinsing cycle, and spinning time are automatically selected for automatic washing.
- After the power is on, a course is selected and Start/Hold button is pressed. Then, the washing board starts spinning without water. This action senses how much laundry is in the washing basket, not a machine problem. After this sensing process, water supplies automatically.

Soak Wash

- Select the SOCK button.
- Add 30 minutes of soaking to the selected course.

Adding Detergent and Softener

- It senses the amount of laundry and indicates the water level and amount of detergent. Then, it starts water supply right away.
- During the water supply, it is possible to open the detergent box and add detergent. However, it is better to press Start/Hold button to stop water supply and add detergent. Close the lid and press Start/Hold button again. This way is much more convenient.
- If the softener is inserted in the softener dispenser, it automatically adds in at the last rinsing cycle.

HOW TO SELECT FUZZY COURSE?

Selects the best washing course automatically.

1. Add the laundry in and press the POWER button.
2. Press the START/HOLD button.
   Water level is selected automatically.
   Washing,rinsing, and spinning follow.
   If you want to pause, press the START/HOLD button again.You can change the course when paused.
3. Close the lid.

Note!

- If the lid is open while running, the washing machine is stopped automatically for safety. (Except, water supply continues while the lid is open.)
- When hot water is selected, both cold and hot water are supplied for the first 20 seconds in order to protect the clothes.
- Possible to control the washing time, rinsing cycle, and spinning time at every course during the washing. (Except the spin basket cleaning course)

WANT TO DO THE AGED DIRT COURSE?

(Blue jeans, thick clothes or dirty laundry)

1. Add the laundry in and press the POWER button.
2. Press the Course button.
   • Select the Heavy.

3. Press the START/HOLD button.
   Add the detergent and softener according to water levels and then, close the lid. The socking is automatically applied.

WANT TO DO A BLANKET COURSE?

(Big volume laundry like blanket and bed cover sheets)

1. Add the laundry in and press the POWER button.
   • Fold those big volume laundry (blanket and bed cover sheets) in the following way before adding into the spin basket.
   • Do not wash the electric blanket and carpets.
   • Get a laundry net for those light and big volume laundry (eg. cashmeres) because they might rise in the water and get damaged.

2. Press the Course button.
   • Select the blanket.

3. Press the START/HOLD button.
   Add the detergent and softener according to water levels and then, close the lid.

Note!

The blankets with a hand wash tag are washable.

- **Fabrics:** Acryl blanket: Acryl 100%(Nylon Coating)
  Mixed fabric blanket: Cotton+Polyester
  Woolen fabric blanket: Yarn blanket
  Blanket fillings: Polyester 100%(Size about less than 200x250cm)
- **Weight:** Blanket: less than 3.5kg, Blanket fillings: about 2kg(total blanket weight is 3.5kg)

HOW TO SELECT SPEEDY COURSE?

If you want to wash those frequently used towels or less dirty laundry in a short period of time.

1. Add the laundry in and press the POWER button.
2. Press the course button.
   • Select Speedy course.

3. Press the START/HOLD button.

Add detergent and softener in proportion to the water level. Then, close the lid.

HOW TO SELECT WOOL COURSE?

Washable sweater, cardigan, delicate clothes etc.

1. Add the laundry in and press the POWER button.
   • The laundry should be less than 2kg.
2. Press the course button.
   • Select Wool course.
   • If the laundry is light compared to its size, choose the proper water level by your judgment. (Since the machine indicates only above the lowest water level.)
   • Select the proper water level in proportion to the amount of laundry.

3. Press the START/HOLD button.

Add detergent and softener in proportion to the water level. Then, close the lid.

- The last spinning cycle runs very softly in order to avoid severe wrinkles.
- Only cold water is allowed.
- Use a neutral detergent.

Note!

- At every course, both cold and hot water can be selected by pressing water supply button. (Except, wool course is allowed for cold water only.)

HOW TO DO PERFORM THE CLEAN TUB SELF-CLEANING FOR SANITARY WASHING?

To clean the spin basket (Use when the spin basket needs to be cleaned)

- Long use of washing machine in humid places may cause various aerial germs to adhere to the scale and, hence, form black-colored scale (mold). It may be harmful to your health.
  For your health, perform the Clean Tub Self-Cleaning course every 1-3 months using the [Clean Tub Self-Cleaning] course of the product with the recommended detergent so as to keep the clean tub clean and neat.

CLEAN TUB SELF-CLEANING COURSE

Use Clean Tub self-cleaning course for sanitary use.
It is recommended that performing Clean Tub Self-Cleaning course every 1~3 months.

1. Press the POWER button.
2. Press the Course button to select Clean Tub course.
3. Press the START HOLD button.
4. Put the detergent in, and close the lid.
   - Use only recommended detergent.

CAUTION

When you performing Clean Tub Self-Cleaning course, do not put laundry in the clean tub. It may cause damage to the texture, and changing of color.
When Clean Tub Self-Cleaning course has been completed, there may be some residue on the water. The residue is come from the clean tub itself. Perform rinse 2~3 times.

Note!

- The default time of the soaking is configured to 20 minutes.
- The default water height is configured to high.

TO DO A CLEAN WASHING

To do a socking course washing (When a soft soaking is needed for the aged dirt of clothes)

1. Add the laundry in and press the POWER button.
2. Press the Course button.
   - Select the desired course.
   - Select the warm or cold water with the water supply button.
   - Wool course is not allowed for soaking.

3. Press the SOAK button.
   - Select the soaking time. (20,40,60 minutes)
     (Except, the basket-cleaning course is applied for only 20 minutes.)

4. Press the START HOLD button.
   Add the detergent and softener according to water levels and then, close the lid.
   - For the soaking washing, repeat Start for 1 minute and Hold(Soaking) for 4 minutes before the actual washing cycle starts.

TO FINISH THE WASHING ON A DESIRED TIME

How to reserve washing?
Select this course when you have to go out or do something else.

1. Add the laundry in and press the POWER button.
   - Check if the faucet is open.
2. Press the Delay Start button.
   1) It adds I hour in every 3 hours and can be selected up to 19 hours.
   2) It stops washing after the selected time.
   - Other course can be selected.

3. Press the START HOLD button.

Add detergent and softener in proportion to the water level. Then, close the lid.

- Must add the detergent in the detergent box.
- If the detergent is spread on the laundry directly, some clothes may get discolored as the start delays.
- If the Delay Start needs to be canceled, press the power button.
- The reserved finish time may be changed depends on the water pressure.

MANUAL FUNCTIONS

Possible to select the Function for each course.
(Example) For a simple washing as the little dirt course : Power ➔ Select the little dirt course ➔ Wash ➔ Start/Hold

WASH ONLY

1. Press the POWER button.

2. Press the WASH button.
   - Adjust the washing time with the wash button.
   - Adjust by 2 minutes up to 6-30 minutes.
   - Possible to select the soaking washing.

3. Press the START/HOLD button.
   - Close the lid.

Notes
- After the washing cycle is done, water still remains in the spin basket. If you just want to drain the water, select the Spin only.
- Even though the water level is automatically selected, you can select the water level manually depends on your laundry.
- Adjust by 2 minutes up to1~15 minutes for the little dirt and wool course.

RINSE ONLY

1. Press the POWER button.

2. Press the RINSE button.
   - Select the number of rinsing cycles with the rinsing button.
   - Adjust up to 1-5 times.

3. Press the START/HOLD button.
   - Close the lid.

Notes
- After the rinsing cycle is done, water still remains in the spin basket.
- Even though the water level is selected automatically, you can select the water level manually if the laundry is already wet.

SPIN ONLY

1. Press the POWER button.

2. Press the SPIN button.
   - Adjust the spinning time with the spin button.
   - Adjust up to 1-9 minutes.

3. Press the START/HOLD button.
   - Close the lid.

Notes
- If only spinning is selected, the selected spinning time and the remaining washing time are indicated differently. It is not a machine problem since the total remaining time includes the water draining time and stopping time.

WASH AND RINSE

1. Press the POWER button.

2. Press the WASH and RINSE button.
   - Adjust the washing time and number of rinsing cycles.
   - Also possible to select the soaking washing.

3. Press the START/HOLD button.
   - Close the lid.

Notes
- After the rinsing cycle is done, water still remains in the spin basket.

RINSE AND SPIN

1. Press the POWER button.

2. Press the RINSE and SPIN button.
   - Adjust the number of rinsing cycles and spinning time.

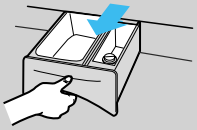
3. Press the START/HOLD button.
   - Close the lid.

HOW TO CLEAN THE FILTER

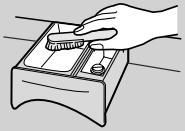
- Please note that this User's Manual is for common use. Make use of the User's Manual depending upon your washing machine model.
- To have a satisfactory washing result, clean the below parts often.

DETERGENT BOX

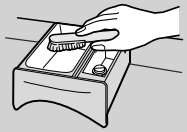
1. Pull the detergent box out in the direction of below figure.



2. Brush out the detergent stuck inside the detergent box with a toothbrush.

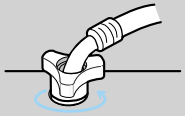


3. Push back in the direction of an arrow.

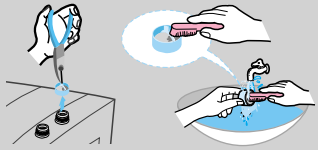


WATER SUPPLY CONNECTOR FILTER

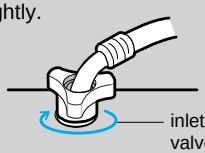
1. Disassemble the hose.



2. Pull out the filter and wash it well.



3. Push in the filter and connect the hose to the inlet water valve tightly.



4. Check if there is any leakage after tightening the connector.

Note!

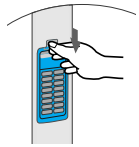
Clean the washing machine body with a dry towel.
- Don't spread water to clean the washing machine.

Be careful to take out buttons or coins from the washing machine.
- They may cause to block the drain hose and therefore, cause a machine problem.

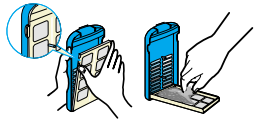
POWER MAGIC FILTER

- Clean the filter twice a week. For a clean wash, the collected lint shouldn't be filled more than half of the filter.

1. Push the upper part of the filter and pull out the filter.



2. Open the cover as shown in the figure.

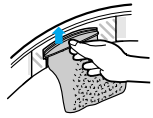


3. Clean out the collected lint in the filter.

4. Close the cover and insert the lower part of the filter in the basket first and then push the filter to a "click" sound.

BIG ANTI-BACTERIAL FILTER NET

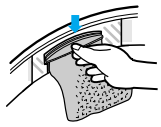
1. Push up and out the filter net in the direction of the arrow.



2. Remove the collected lint from the filter net.

3. Clean the filter.

4. Push down the filter net in the direction of the arrow.



INSTALLATION & MAINTENANCE

The User's Manual is for common use.
Make use of the User's Manual depending upon your washing machine model.

ENVIRONMENT

Leave some space
Maintain at least 10cm between the washer and the wall.

Place the washer on a sturdy flat surface.
If the washer is placed on an uneven or weak surface, noise or vibration occurs. (Allowable is 1°)

Adjust the legs for even placement.

Never install the washer near water.
Do not place the washer in steamy rooms or where the washer is directly exposed to rain.Moisture may destroy the electrical insulation causing an electrical shock hazard.

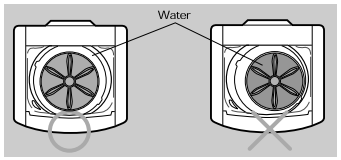
Avoid direct sunlight or heaters.
As plastic and electrical components are affected by direct heat,never place the washer near furnaces, boilers, etc. Do not place under direct sunlight.

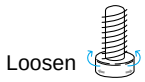
LEVELLING

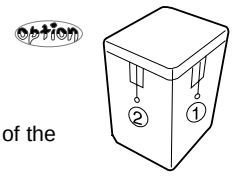
(If the washer is not leveled with the ground, it makes the machine tremble more or be out of order. So, make sure that the washer is leveled properly.)

SEE IF THE MACHINE IS PLACED LEVEL BY CHECKING THE POSITION OF THE WASHING TUB.

- Open the lid of the machine, pour water into the tub up to the level just below the pulsator, and adjust the legs so that the pulsator is positioned at the center of the water as shown in the figure.
- Place the machine more than 10cm away from the wall.
- Adjust the legs on feet for levelling .





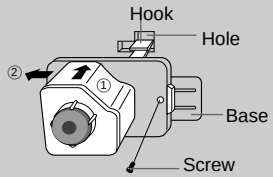


1. Adjust the side horizontally first and the front in same direction ❷ next.

2. If the thread is not within the limit, adjust the height of the legs.

HOW TO ASSEMBLE THE LEGS

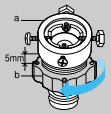
1. Check the 4 Legs.(Front-right. Front-left. Rear-right. Rear-left)
2. Lay down the Washing Machine to the front.
3. Insert the hook of leg in to the square hole of base.
4. Push the leg to the arrow direction to "Click".
5. Finaly fix the legs on the base with screw like a figure.



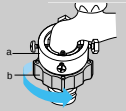
CONNECTING THE WATER SUPPLY HOSE

1. Remove the adaptor from the water supply hose.

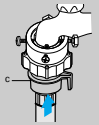
2. First,using a "+" type screw driver, loosen the four screws on the adaptor. Next,take the adaptor and turn the part(b) in the direction of the arrow for about 5mm gap between them.



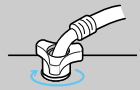
3. Connect the adaptor to the water tap and tighten the screws firmly. Then, turn the part (b) in the direction of the arrow by fastening.



4. After Pulling down the part (c) of the water supply hose, connect the water supply hose to the adaptor. When the part (c) is released, the hose is automatically connected to the adaptor making a 'click' sound.



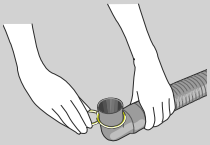
5. Connect the other end of the water supply hose to the inlet water valve at the back or top of the washer in the direction of the arrow tightly.
Check if there is any leakage.



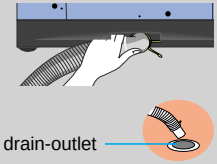
After completing connection, if water leaks from the hose,then repeat the same steps. Use the most conventional type of faucet for water supply. In case the faucet is square or too big, remove the spacing ring before inserting the faucet into the adaptor.

HOW TO CONNECT THE DRAIN HOSE

1. After pressing the joint ring, insert to the drain hose.

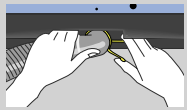


2. After directing the drain hose to a drain, join to the drain-outlet of the washing machine.



3. Be sure to join them tightly by pressing the joint ring and pushing it into the drain-outlet.

- The length of drain hose is adjustable so that you can extend the length appropriately.

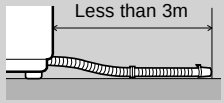


How to change the drain hose direction

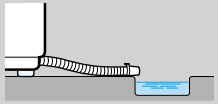
- The handle of joint ring is pressed to pull out the drain hose. Change the direction of the drain hose and follow the above guideline again.

Cautions when inserting the drain hose

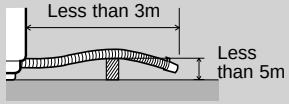
1. Don't exceed more than 3m when the drain hose is used by connecting with other hoses.



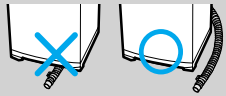
2. Be careful to drain water out at the end of the drain hose.



3. The doorsill shouldn't be more than 5cm.

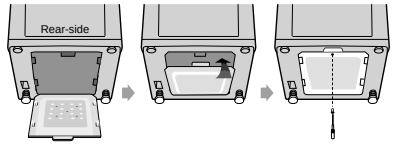


4. Don't install the drain hose underneath the wash machine.

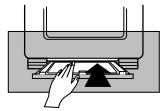


ASSEMBLING THE RAT PROTECTION PANEL

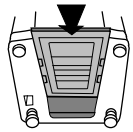
Tilt the washer a little and lift up the panel until it clicks, finally fix the panel with screw to the base as shown in the figure.



1. Insert the sound absorbing panel to the assembling hole on front side to the end.



2. If you have difficulty inserting the panel lift up the washer a little and insert it.



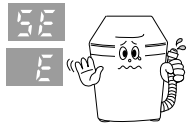
TROUBLESHOOTING

Washing machine won't work

Is the water tap opened?
Is the washer plugged in?
Is the power cut off?
Is there enough water?

Water dose not drain

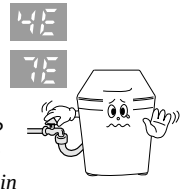
Is the drain hose down?(No pump)
Is the drain hose frozen?
Is the drain hose clogged?



If the water dose not drain in 15 minutes, a buzzer will sound, and the remaining time indicator will show "5E" and "E".

Water is not supplied

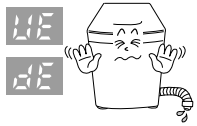
Is the water tap opened?
Is the water cut off?
Is the water supply hose or hose connection clogged?



Is the water tap frozen?
If water is not supplied in 1 hour, a buzzer will sound, and the remaining time indicator will show "7E" and "4E".

Spinning does not work

Is the laundry spread out evenly in the washer?
Is the washer set on a sturdy flat surface?



WASHING MACHINE WON'T WORK?

The power is cut off.

Check 1> Is the electric voltage normal?
➜ This product is for 220V only.
Check 2> Is the washer plugged in? Plug in the electric cord.
➜ Water does not drain.
Check 1> Is the drain hose down? Put the drain hose down.
Check 2> Is the drain hose folded? Unfold the drain hose.
Check 3> Is the drain hose outlet clogged? Remove the waste cleanly.

Washing machine won't work.

Check 1> Is the washer lid open?
➜ Close the lid.
Check 2> Is the Hold button on?
➜ Press the Start/Hold button one more time and check if the washer starts.
Check 3> Is enough water filled to the water level?
➜ If the water pressure is low, it takes a long time to start washing.
Check 4> Is the faucet closed?
➜ Open the faucet to supply water.

If the drain hose and spin basket are frozen, do as follows.

- Add hot water to the frozen water tap and remove the drain hose. Soak into hot water.
- Pour hot water into the spin basket for about 10 minutes.
- Put a hot water towel on the drain hose connector.
- If the drain hose defrosts, connect again and check for proper water draining.

The water drains out immediately.

- The drain is clogged with coins or pins. The drain hose is hung over the drain hose hook. Half fill the spin basket with water and try for spinning again.

The water leaks at the water supply hose connector.

Check 1> If the faucet connecting part is loose, water may leak.
➜ Repeat the assembling steps again.
(Refer to "Connecting the water supply hose")
Check 2> Check if the rubber packing of water supply hose is in the right position.
➜ Screw tightly again.
Check 3> Is the water supply hose folded? Unfold the hose.
Check 4> If the water supply is too strong, water may leak.
➜ Close the faucet a little.
Check 5> Is water leaking from the faucet itself? Fix the faucet.
➜ Water is not supplied.
Check 1> Did you press the Start/Hold button after selecting the water supply?
➜ If the Start/Hold button is not pressed, water is not supplied. Press the Start/Hold button.
Check 2> Is the faucet closed?
➜ Turn on the faucet.
Check 3> Is the filter net at the water supply hose connector clogged with dirty matters?
➜ Clean the filter net by brushing with a toothbrush.
Check 4> Is the water supply cut off?
➜ If the water supply is suspended, turn off the faucet and power off.

Spinning makes loud noises and vibrations.

Check 1> Check if the laundry is spread evenly in the washer.
➜ Spread out the laundry evenly and start again.
Check 2> Check if the washing machine levels on a sturdy flat floor.
➜ Set the machine at level.
Check 3> Is the handle for leveling legs loose?
➜ Adjust the legs on the feet for leveling.
Check 4> Is around the washing machine filled with unnecessary stuffs?
➜ Remove those unnecessary things away from the wash machine.